

SEQUENCE LISTING

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GRALLERT, HOLGER
MILLER, STEFAN

<120> METHOD FOR DETECTING AND FOR REMOVING ENDOTOXIN

<130> DEBE:046US

<140> UNKNOWN

<141> 2004-12-21

<150> PCT/DE2003/002096
<151> 2003-06-24

<150> DE 103 07 793.6
<151> 2003-02-24

<150> DE 102 28 133.5
<151> 2002-06-24

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<170> PatentIn version 3.1

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<213> artificial sequence

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gaaggaacta gtcatatggc tagctggagc caccggcagt tcgaaaaagg cgccagtaat 60
aatacatatc aacacgtt 78

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aatacatatc aacacgtt 78

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Met Ala Ser Trp Ser His Pro Gln Phe Glu Lys Gly Ala Ser Asn Asn

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Thr Tyr Gln

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Met Ala Cys Trp Ser His Pro Gln Phe Glu Lys Gly Ala Ser Asn Asn

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Thr Tyr Gln

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<223> Tag for targeted Biotinylation

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Met Ala Ser Trp Ser His Pro Gln Phe Glu Lys Gly Ala Cys Asn Asn
1 5 10 15
Thr Tyr Gln

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Thr Tyr Gln His Val Ser Asn Glu Ser Arg Tyr Val Lys Phe Asp Pro
20 25 30

Thr Asp Thr Asn Phe Pro Pro Glu Ile Thr Asp Val Gln Ala Ala Ile
35 40 45

Ala Ala Ile Ser Pro Ala Gly Val Asn Gly Val Pro Asp Ala Ser Ser
50 55 60

Thr Thr Lys Gly Ile Leu Phe Leu Ala Thr Glu Gln Glu Val Ile Asp
65 70 75 80

Gly Thr Asn Asn Thr Lys Ala Val Thr Pro Ala Thr Leu Ala Thr Arg
85 90 95

Leu Ser Tyr Pro Asn Ala Thr Glu Ala Val Tyr Gly Leu Thr Arg Tyr
100 105 110

Ser Thr Asp Asp Glu Ala Ile Ala Gly Val Asn Asn Glu Ser Ser Ile
115 120 125

Thr Pro Ala Lys Phe Thr Val Ala Leu Asn Asn Val Phe Glu Thr Arg
130 135 140

Val Ser Thr Glu Ser Ser Asn Gly Val Ile Lys Ile Ser Ser Leu Pro
145 150 155 160

Gln Ala Leu Ala Gly Ala Asp Asp Thr Thr Ala Met Thr Pro Leu Lys
165 170 175

Thr Gln Gln Leu Ala Val Lys Leu Ile Ala Gln Ile Ala Pro Ser Lys
180 185 190

Asn Ala Ala Thr Glu Ser Glu Gln Gly Val Ile Gln Leu Ala Thr Val
195 200 205

Ala Gln Ala Arg Gln Gly Thr Leu Arg Glu Gly Tyr Ala Ile Ser Pro
210 215 220

Tyr Thr Phe Met Asn Ser Thr Ala Thr Glu Glu Tyr Lys Gly Val Ile

| | | | |
|---|-----|-----|-----|
| 225 | 230 | 235 | 240 |
| Lys Leu Gly Thr Gln Ser Glu Val Asn Ser Asn Asn Ala Ser Val Ala | | | |
| 245 | 250 | 255 | |
| Val Thr Gly Ala Thr Leu Asn Gly Arg Gly Ser Thr Thr Ser Met Arg | | | |
| 260 | 265 | 270 | |
| Gly Val Val Lys Leu Thr Thr Ala Gly Ser Gln Ser Gly Gly Asp | | | |
| 275 | 280 | 285 | |
| Ala Ser Ser Ala Leu Ala Trp Asn Ala Asp Val Ile His Gln Arg Gly | | | |
| 290 | 295 | 300 | |
| Gly Gln Thr Ile Asn Gly Thr Leu Arg Ile Asn Asn Thr Leu Thr Ile | | | |
| 305 | 310 | 315 | 320 |
| Ala Ser Gly Gly Ala Asn Ile Thr Gly Thr Val Asn Met Thr Gly Gly | | | |
| 325 | 330 | 335 | |
| Tyr Ile Gln Gly Lys Arg Val Val Thr Gln Asn Glu Ile Asp Arg Thr | | | |
| 340 | 345 | 350 | |
| Ile Pro Val Gly Ala Ile Met Met Trp Ala Ala Asp Ser Leu Pro Ser | | | |
| 355 | 360 | 365 | |
| Asp Ala Trp Arg Phe Cys His Gly Gly Thr Val Ser Ala Ser Asp Cys | | | |
| 370 | 375 | 380 | |
| Pro Leu Tyr Ala Ser Arg Ile Gly Thr Arg Tyr Gly Ser Ser Ser | | | |
| 385 | 390 | 395 | 400 |
| Asn Pro Gly Leu Pro Asp Met Arg Gly Leu Phe Val Arg Gly Ser Gly | | | |
| 405 | 410 | 415 | |
| Arg Gly Ser His Leu Thr Asn Pro Asn Val Asn Gly Asn Asp Gln Phe | | | |
| 420 | 425 | 430 | |
| Gly Lys Pro Arg Leu Gly Val Gly Cys Thr Gly Gly Tyr Val Gly Glu | | | |
| 435 | 440 | 445 | |
| Val Gln Lys Gln Gln Met Ser Tyr His Lys His Ala Gly Gly Phe Gly | | | |
| 450 | 455 | 460 | |
| Glu Tyr Asp Asp Ser Gly Ala Phe Gly Asn Thr Arg Arg Ser Asn Phe | | | |
| 465 | 470 | 475 | 480 |
| Val Gly Thr Arg Lys Gly Leu Asp Trp Asp Asn Arg Ser Tyr Phe Thr | | | |
| 485 | 490 | 495 | |
| Asn Asp Gly Tyr Glu Ile Asp Pro Ala Ser Gln Arg Asn Ser Arg Tyr | | | |
| 500 | 505 | 510 | |
| Thr Leu Asn Arg Pro Glu Leu Ile Gly Asn Glu Thr Arg Pro Trp Asn | | | |
| 515 | 520 | 525 | |
| Ile Ser Leu Asn Tyr Ile Ile Lys Val Lys Glu | | | |
| 530 | 535 | | |